Motic®
MORE THAN MICROSCOPY



FLED

Epi-LED Fluorescence Attachment for Panthera



LEDs offer several advantages as a light source for fluorescence. They require no adjustment for optimal fluorescence excitation, enabling a plug-and-play experience. Samples can be observed immediately, thanks to no warm-up period, and an adjustable intensity protects against sample bleaching.

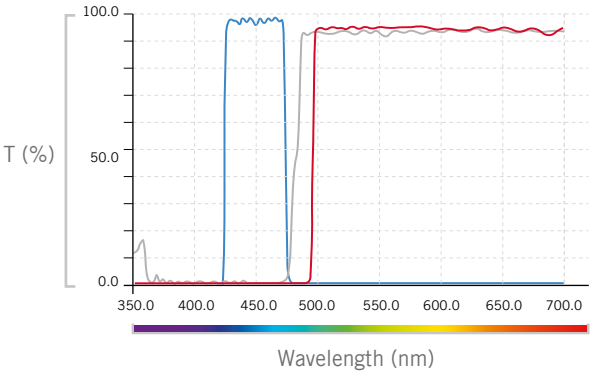
Environmentally friendly, LEDs eliminate mercury disposal concerns. Motic fluorescence illuminators combine an LED light source with optimized filters (excitation, dichroic, and barrier) in a modular design, easily added between the stand and eyepiece tube.

For safety, the LED only activates when properly mounted. An IR sensor detects user presence, automatically turning off the fluorescence when unattended and reactivating upon return. Switching between brightfield and fluorescence is quick, and both modes can be used simultaneously.

Filter combinations

Auramine O

455nm LED module



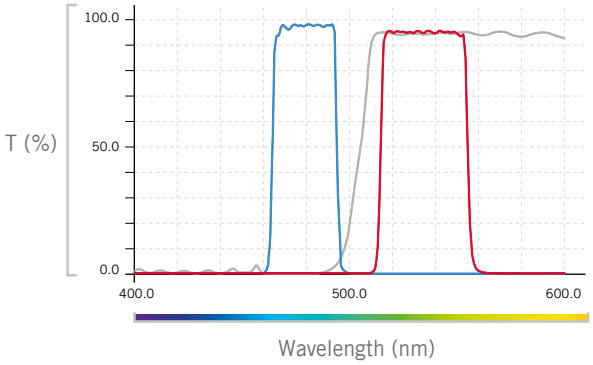
Auramine O staining

- Exciter AT455/30
- Dichroic AT480DRLP
- Barrier AT485LP

Note: Recommend to use with Plan objectives UC PL NCG

FITC

470nm LED module

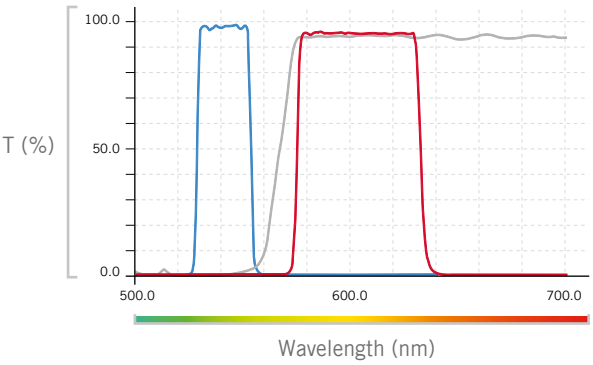


This module offers a FITC detection

- Exciter 480/30x
- Dichroic 505DCLP
- Barrier AT535/40m

TRITC

525nm LED module



This module offers a blue excitation combined with a long pass barrier filter

- Exciter AT540/25x
- Dichroic AT565DC
- Barrier AT605/55m

